



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

SIXTH FLOOR,
PRUDENTIAL BUILDING,
195 NORTH TERRACE,
ADELAIDE

BIRTHS, DEATHS, AND MARRIAGES

SOUTH AUSTRALIA

1964

Statistics of births, deaths, and marriages, registered during the twelve months ended 31st December 1964 published as the first part of this bulletin are followed by more detailed tables indicating trends in numbers and rates of births, deaths, marriages, and infant deaths registered during each of the last available five years and showing causes of deaths and of infant deaths for similar periods. Table 2 compares births occurring with births registered in each of the years 1960 to 1964 and shows in addition masculinity of births registered.

<u>Registrations during 1964</u>	<u>Number</u>	<u>Rate</u>
Births	20,866	20.22
Deaths - Total	8,906	8.63
- Infant (children of less than 1 year)	397	19.03
Marriages	7,765	7.53

	<u>Number</u>
Adoptions	650
Legitimations	450
Still-births (not registered as either births or deaths)	252

Birth, total death, and marriage rates are calculated per 1,000 of mean population and the infant death rate per 1,000 of live births registered.

BIRTH, DEATH, AND MARRIAGE RATES

These rates are calculated on the number of registrations and show somewhat different fluctuations from those which would result from calculations based on the number of occurrences, particularly in the case of infant death rates.

TABLE 1 - BIRTHS, DEATHS, AND MARRIAGES: RATES, SOUTH AUSTRALIA, 1900 to 1964

Period	Average Annual Rate			
	Births (a)	Deaths (a)	Infant Deaths (b)	Marriages (a)
1900-04	25.05	10.99	91.95	6.59
1905-09	25.19	10.22	68.83	7.93
1910-14	27.98	10.30	67.82	9.38
1915-19	25.51	10.67	61.85	7.94
1920-24	23.43	9.68	58.45	8.55
1925-29	20.16	8.98	46.54	7.54
1930-34	15.54	8.65	38.05	6.33
1935-39	15.32	9.20	32.85	8.99
1940-44	19.30	10.25	34.57	11.25
1945-49	24.02	9.80	27.35	9.73
1950-54	23.62	9.31	22.69	8.44
1955-59	22.34	8.80	21.37	7.39
1960-64	21.66	8.28	19.16	7.17

- (a) Per 1,000 mean population.
- (b) Children of less than one year per 1,000 live births registered.

BIRTHS

Birth registrations during 1964 totalled 20,866. This is less than the number registered in each of the years 1960 to 1963 but higher than in any year prior to 1960.

A birth can be registered up to 42 days after the date of birth without incurring a penalty for "late" registration; therefore the number of births registered in a year usually differs from the number of births which occurred during that year. In 1964 the number of births registered was 20,866 while the number of births which occurred during the year is estimated to be 20,800.

The masculinity ratio, i.e. the ratio of male births to female births, does not as a rule vary greatly from year to year. However, in recent years there have been rather wide variations, the rate falling in 1959 to the unusually low figure of 102.77, the lowest recorded since 1936 when the ratio was 102.43. The figure of 108.31 in 1964 is higher than the ratio of 104.90 for the previous ten years and is the highest since 1941 when the ratio was 109.58.

TABLE 2 - BIRTHS: NUMBER, RATE, AND MASCULINITY, SOUTH AUSTRALIA, 1960 to 1964

Year	Births Occurring (a)	Births Registered				
		Total	Male	Female	Rate (b)	Masculinity
1960	21,112	20,966	10,760	10,206	22.19	105.43
1961	21,341	22,399	11,402	10,997	23.10	103.68
1962	21,300	21,361	11,003	10,358	21.59	106.23
1963	21,058	21,367	11,006	10,361	21.18	106.23
1964	20,800p	20,866	10,849	10,017	20.22	108.31

- (a) Subject to the addition of a few very late registrations.
 (b) Per 1,000 mean population.
 p - Preliminary, partly estimated.

DEATHS

A total of 8,906 deaths were registered during 1964, the highest number on record. The death rate of 8.63 was higher than each of the previous five years but lower than any of the 23 years prior to 1958.

Infant deaths registered during 1964 totalled 397. The resultant infant mortality rate was 19.03; lower rates have been recorded only twice before, 18.94 in 1960 and 18.67 in 1963.

TABLE 3 - DEATHS: NUMBER AND RATE, SOUTH AUSTRALIA, 1960 to 1964

Year	Total Deaths Registered		Infant Deaths Registered					
			Under 1 Year		1 Month to 1 Year		Under 1 Month	
	No.	Rate (a)	No.	Rate (b)	No.	Rate (b)	No.	Rate (b)
1960	7,804	8.26	397	18.94	119	5.68	278	13.26
1961	7,815	8.06	448	20.00	156	6.96	292	13.04
1962	8,232	8.32	409	19.15	122	5.71	287	13.44
1963	8,201	8.13	399	18.67	123	5.75	276	12.92
1964	8,906	8.63	397	19.03	120	5.75	277	13.28

- (a) Per 1,000 mean population
 (b) Per 1,000 live births registered

CAUSES
OF
DEATH

The numbers of persons dying from certain causes are shown in the following table in which the figures for the years 1959 to 1963 are compared. Particulars of causes of death of all persons in 1964 are not yet available but details of the principal causes of infant deaths have been tabulated and these are shown in Table 5 together with comparable figures for each of the previous four years.

TABLE 4 - DEATHS (ALL PERSONS) : PRINCIPAL CAUSES, SOUTH AUSTRALIA, 1959 to 1963

Cause	1959	1960	1961	1962	1963
	Number				
Tuberculosis (all forms)	47	40	54	29	38
Malignant neoplasms	1,127	1,147	1,222	1,345	1,284
Diabetes	94	100	82	132	104
Cerebral haemorrhage, thrombosis, etc.	1,153	1,101	1,116	1,127	1,135
Chronic rheumatic heart disease	59	75	64	66	72
Arteriosclerotic and degenerative heart disease	2,220	2,435	2,441	2,589	2,604
Hypertension with heart disease	148	162	107	132	127
Other heart disease	236	219	220	295	211
Influenza	103	2	5	10	3
Pneumonia	344	284	239	269	294
Bronchitis	91	103	102	126	138
Nephritis and nephrosis	69	52	63	78	75
Pregnancy, childbirth, etc.	6	13	6	13	6
Congenital malformations	101	116	131	98	111
Other diseases of early infancy	229	194	228	233	219
Senility	132	86	99	69	60
Accidents	505	488	497	464	478
Suicides	91	117	116	129	152
All other	1,188	1,070	1,023	1,028	1,090
Total	7,943	7,804	7,815	8,232	8,201

TABLE 5 - INFANT DEATHS: MAIN CAUSES, SOUTH AUSTRALIA, 1960 to 1964

Cause	1960	1961	1962	1963	1964
	Number				
Diarrhoea	8	12	7	15	9
Congenital malformations	95	102	76	91	79
Prematurity	82	72	77	72	82
Injury at birth	39	46	56	41	38
Post-natal asphyxia and atelectasis	28	38	39	36	58
Other diseases peculiar to early infancy	43	65	52	63	41
Cerebro-spinal meningitis	1	3	-	1	2
Meningitis	5	11	5	-	3
Whooping cough	1	-	1	1	1
Pneumonia	23	38	47	42	37
Hernia and intestinal obstruction	6	8	4	6	6
External causes	12	24	11	9	14
All other causes	54	39	34	22	27
Total	397	448	409	399	397

MARRIAGES

The number of marriages registered during 1964 totalled 7,765. The record number in this State was 8,129 in 1942 with a rate of 13.34 and the lowest number since was 5,321 in 1945 with a rate of 8.48.

The mean age at time of marriage of bachelors and spinsters decreased slightly in the immediate post-war years and then remained at a fairly stable level of approximately 26.7 years for bachelors and 23.7 years for spinsters until 1955. During the eight years to 1963 there has been a downward trend in the average age at marriage of single persons.

TABLE 6 - MARRIAGES: NUMBER, RATE, AND MEAN AGE, SOUTH AUSTRALIA, 1960 to 1964

Year	Number Registered	Rate (a)	Mean Age at Marriage	
			Bachelors	Spinsters
1960	6,607	6.99	25.88	22.46
1961	6,804	7.02	25.75	22.39
1962	7,021	7.10	25.76	22.44
1963	7,302	7.24	25.49	22.12
1964	7,765	7.53	n.a.	n.a.

(a) Per 1,000 mean population.

n.a.-Not yet available.

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11th March 1965

